

12-13-99

SEQ/ 12

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
99,743Total Pages in this Submission
54**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

Reporterless Genosensors Using Electrical Detection Methods

and invented by:

Changming Li, Song Shi, George Maracus and Vi-En Choong

JCS84 U.S. PTO
09/458533
12/09/99

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 33 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Microfiche Appendix (if applicable)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if drawings filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
99,743

Total Pages in this Submission
54

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 14
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☐ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☒ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☒ Paper Copy
- b. ☒ Computer Readable Copy *(identical to computer copy)*
- c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL432914411US

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
99,743

Total Pages in this Submission
54

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Additional Enclosures *(please identify below):*

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	35	- 20 =	15	x \$18.00	\$270.00
Indep. Claims	4	- 3 =	1	x \$78.00	\$78.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$760.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,108.00

- ☒ A check in the amount of **\$1,108.00** to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Signature

Kevin E. Noonan
Reg. No. 35, 303
McDonnell Boehen Hulbert & Berghoff
300 South Wacker Drive
Chicago, IL 60606
Telephone 312-913-0001

Dated: December 9, 1999

cc:

CERTIFICATE OF MAILING

PATENT

Express Mail No. EL432914411US

Deposited: December 9, 1999

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

In re the Application of: Li et al.

For: Reporterless Genosensors Using Electrical Detection Methods

Serial No. To Be Assigned

- ☒ Transmittal Letter
- ☒ Patent Specification (31 pages, including cover sheet, claims, and abstract)
- ☒ Drawings (14 sheets)
- ☒ Computer readable and paper Sequence Listing
- ☒ Statement Pursuant to 37 C.F. R. § 1.821(f)
- ☒ Declaration and Power of Attorney
- ☒ Return postcard
- ☒ Filing fee check in the amount of \$1,108.00

Attorney Docket No. 99,743

000001-22585100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,743)

PATENT

In application of:

Li *et al.*

Serial No. To be assigned

Filed: December 9, 1999

For: Reporterless Genosensors Using
Electrical Detection Methods

Before the Examiner:

Group Art Unit:

TRANSMITTAL LETTER

In regard to the above-identified patent application:

1. We are transmitting herewith the attached:
 - a. Patent Specification (31 pages, including cover sheet, claims, and abstract)
 - b. Drawings (14 sheets)
 - c. Computer readable and paper Sequence Listing
 - d. Statement Pursuant to 37 C.F. R. § 1.821(f)
 - e. Declaration and Power of Attorney
 - f. Postcard
2. With respect to additional fees:

_____ A. No additional fee is required.

 X B. Attached is a check in the amount of \$1,108.00
3. Please charge any additional fees or credit over-payments to the Deposit Account No.13-2490.
4. X CERTIFICATE UNDER 37 CFR 1.10 (EXPRESS MAIL): The undersigned hereby certifies that this Transmittal Letter and this paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service, as Express Mail, in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on this 9th day of December 1999.

Dated: December 9, 1999

By: 

Kevin E. Noonan
Registration No. 35,303

Telephone: 312-913-0001
Facsimile: 312-913-0002

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive
Chicago, Illinois 60606
Tel: (312)913-0001